

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/Ala Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-025851**Date Inspected:** 28-Jun-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1900**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 700**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	N/A	CWI Present:	Yes	No			
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A
Bridge No:	34-0006	Component:	OBG Components				

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance Inspector (QA Inspector) George Goulet was present during the times noted above for observations relative to the work being performed.

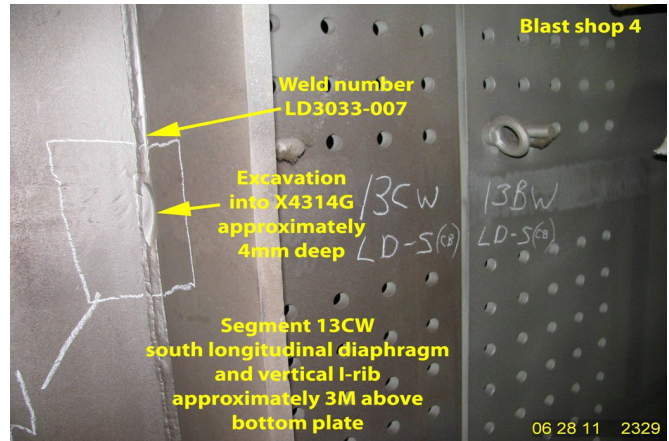
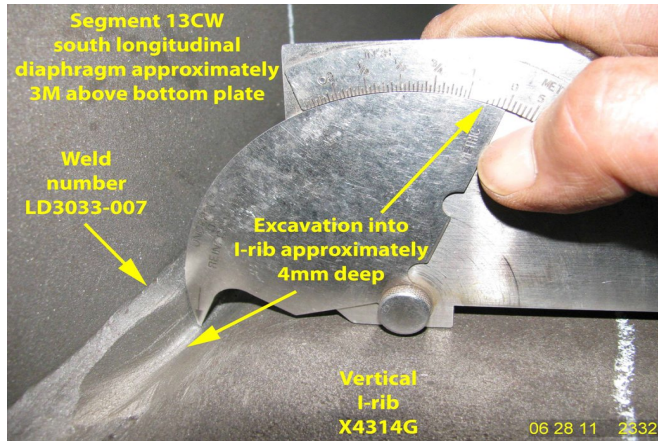
Blast Shop 4

This QA Inspector and QA Inspectors Dennis Combs, Robert DeArmond, Paul Dawson responding to phone notification from ABF Inspectors performed a pre-final sandblast inspection of Segments 13BW/13CW, middle portion between longitudinal diaphragms, from panel point 120 to the transverse joint to Segment 14W at approximately panel point 124.7, from 1 meter below the deck plates down to and including, the bottom plate. This QA Inspector observed several surface irregularities requiring grinding. These areas were marked for grinding. This QA Inspector observed several surface irregularities appearing to be arc strikes requiring grinding and magnetic particle testing (MT). These areas were marked for grinding and MT. This QA Inspector also observed a 4mm deep excavation in the weld designated as LD3033-007 requiring weld repair. See photos below. The weld repair was documented and reported in QA Inspector Robert DeArmond's Post Blast Repair Report of this date. See that report for further details.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

WELDING INSPECTION REPORT

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Summary of Conversations:

No significant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact James Devey 15000026784, who represents the Office of Structural Materials for your project.

Inspected By: Goulet, George

Quality Assurance Inspector

Reviewed By: Riley, Ken

QA Reviewer